

Claims

[c1] What is claimed is:

1. A method for capturing a pattern printed on a print medium, the pattern comprising a holographic image and the method comprising following steps:

(a) providing an image-capturing device comprising a light source for emitting light onto the print medium and a light-sensing component for receiving light reflected from the print medium;

(b) adjusting a disposition of the print medium, the light source and the light-sensing component, and equivalently locating the light-sensing component in a blind zone where the light-sensing component will not receive light reflected from the holographic image of the pattern; and

(c) capturing the pattern with the light source and the light-sensing component.

[c2] 2. The method of claim 1 wherein adjusting the disposition of the light source, the light-sensing component and the print medium is realized by relocating the light-sensing component.

[c3] 3. The method of claim 1 wherein adjusting the disposition

tion of the light source, the light-sensing component and the print medium is realized by relocating the light source.

[c4] 4. The method of claim 1 wherein adjusting the disposition of the light source, the light-sensing component and the print medium is realized by installing a transparent plate between the print medium and the image-capturing device.

[c5] 5. The method of claim 4 wherein the transparent plate comprises a first surface for the print medium to be placed on and a second surface disposed in parallel with the first surface.

[c6] 6. The method of claim 4 wherein the transparent plate comprises a first surface for the print medium to be placed on and a second surface oblique to the first surface.

[c7] 7. A device for implementing the method of claim 1.

[c8] 8. The method of claim 1 further comprising:
providing the image-capturing device with a logic unit for adjusting a disposition of the light source and the light-sensing component.

[c9] 9. The method of claim 8 wherein the logic unit is a logic

circuit.

- [c10] 10. The method of claim 8 wherein the logic unit is a program code stored in a memory device.
- [c11] 11. The method of claim 8 wherein the light-sensing component source is movable and the logic unit is capable of controlling the light-sensing component to move to a predetermined position.
- [c12] 12. The method of claim 8 wherein the light source is movable and the logic unit is capable of controlling the light source to move to a predetermined position.
- [c13] 13. An image-capturing device for capturing a pattern printed on a print medium, the pattern comprising a holographic image and the image-capturing device comprising:
 - a transparent plate for the print medium to be placed on;
 - a light source for emitting light onto the print medium;
 - a light-sensing component for receiving light reflected from the print medium; and
 - an adaptor installed between the transparent plate and the print medium for changing a disposition of the print medium, the light source and the light-sensing component, and for equivalently locating the light-sensing component in a blind zone where the light-sensing com-

ponent will not receive light reflected from the holographic image of the pattern.

[c14] 14. The method of claim 13 wherein the adaptor is a transparent plate.

[c15] 15. The method of claim 14 wherein the transparent plate comprises a first surface for the print medium to be placed on and a second surface disposed in parallel with the first surface.

[c16] 16. The method of claim 15 wherein the transparent plate is six millimeters thick.

[c17] 17. The method of claim 14 wherein the transparent plate comprises a first surface for the print medium to be placed on and a second surface oblique to the first surface.

[c18] 18. The method of claim 17 wherein the transparent plate has a first end three millimeters thick and a second end eight millimeters thick.

[c19] 19. An adaptor for an image-capturing device capable of capturing a pattern printed on a print medium, the pattern comprising a holographic image, the image-capturing device comprising:
a transparent plate;

a light source; and
a light-sensing component; and
the adaptor comprising:
a first surface for the print medium to be placed on; and
a second surface installed on a first side of the first surface according to a predetermined rule for contacting with the transparent plate;
wherein the adaptor is capable of adjusting a disposition of the print medium, the light source and the light-sensing component, and of equivalently locating the light-sensing component in a blind zone where the light-sensing component will not receive light reflected from the holographic image of the pattern.

[c20] 20. The method of claim 19 wherein the adaptor is a transparent plate.

[c21] 21. The method of claim 20 wherein the first surface is parallel to the second surface.

[c22] 22. The method of claim 21 wherein the transparent plate is six millimeters thick.

[c23] 23. The method of claim 19 wherein the first surface is oblique to the second surface.

[c24] 24. The method of claim 23 wherein the transparent plate has a first end three millimeters thick and a second

end eight millimeters thick.